WHAT IS CLAIMED IS:

1. A method for forming homogeneous mixtures of powders of organic materials including at least one dopant component and one host component to provide a homogeneous mixture for use in thermal physical vapor deposition to produce an organic layer on a substrate for use in an organic light-emitting device, comprising:

a) combining organic materials, such materials including at least one dopant component and one host component;

b) providing a solvent with the organic materials to form a suspension of organic materials in the solvent;

c) mixing the suspension at a temperature sufficient to form a solution of the organic materials in the solvent; and

d) evaporating the solvent from the solution leaving a homogeneous mixture of organic powder.

2. The method of claim 1 further including:

(e) compacting the homogenous mixture of organic powders, to form a pellet suitable for thermal physical vapor deposition to produce an organic layer on a substrate for use in an organic light-emitting device.

3. The method of claim 1 wherein the dopant component varies between 0.1 and 20% by weight of the total mixture weight.

4. The method of claim 1 wherein the solvent is tetrahydrofuran and such solvent is added to the organic materials.

5. The method of claim1 wherein the organic materials are added to the solvent.

6. The method of claim 4 wherein the solvent further includes dichloromethane.

7. The method of claim 1 wherein element (c) includes heating the solution at a temperature in a range between 50 and 100 ^{0} Centigrade to evaporate the solvent.

8. The method of claim 1 wherein the suspension is mixed by a magnetic stirrer, a turbine stirrer, or an ultrasonic horn.

9. The method of claim 1 further including providing a controlled atmosphere for evaporation, wherein the controlled atmosphere is at a pressure in a range of 10^{-1} to 10^{-3} Torr causing the solvent to evaporate and form the homogeneous mixture of organic powder.

10. The method of claim 7 wherein the controlled atmosphere includes an inert gas such as nitrogen gas, argon gas or a mixture thereof.

11. The method of claim 2 wherein the homogeneous mixture of organic powder is compacted at pressures in a range of 3,000 to 20,000 pounds per square inch to form the pellet.

12. The method of claim 8 wherein the suspension is mixed by the ultrasonic horn at a frequency in a range of 10-30kHz.